Release notes for ENDF/B Development dec-083_Bi_209 evaluation

October 14, 2016

- `fizcon` Warnings:

    1. The halflife given in the file really is correct, dispite what FIZCON says
       MAT=3184, MF= 8, MT=457 (1): Correct T1/2

       ```
       ERROR(S) FOUND IN MAT=3184, MF= 8, MT=457
            T12 NOT IN RANGE  0.00000E+00 TO  1.00000E+24
       ```

    2. The halflife given in the file really is correct, dispite what FIZCON says
       MAT=3184, MF= 8, MT=457 (2): Correct T1/2

       ```
       ERROR(S) FOUND IN MAT=3184, MF= 8, MT=457
            GAMMA RAY NEEDED, SOURCE MODE=      4
            GAMMA RAY NEEDED, SOURCE MODE=      4
       ```

    3. The halflife given in the file really is correct, dispite what FIZCON says
       MAT=3184, MF= 8, MT=457 (3): Correct T1/2

       ```
       ERROR(S) FOUND IN MAT=3184, MF= 8, MT=457
            PARTICLE ENERGY (AE) SUMUP FAILURE
                WHOLE= 3.13455E+06  SUM= 3.07569E+06        SEQUENCE NUMBER    2
       ```

    4. The halflife given in the file really is correct, dispite what FIZCON says
       MAT=3184, MF= 8, MT=457 (4): Correct T1/2

       ```
       ERROR(S) FOUND IN MAT=3184, MF= 8, MT=457
            ALPHA MULTIPLICITY SUMUP FAILURE
                WHOLE= 1.00000E+00  SUM= 9.99600E-01
       ```

    5. The halflife given in the file really is correct, dispite what FIZCON says
       MAT=3184, MF= 8, MT=457 (5): Correct T1/2

       ```
       ERROR(S) FOUND IN MAT=3184, MF= 8, MT=457
            ALPHA AVERAGE ENERGY SUMUP FAILURE
                WHOLE= 3.07569E+06  SUM= 3.13575E+06
       ```